

Dong Wang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

663 papers	73,121 citations	120 h-index	254 g-index
719 ext. papers	87,956 ext. citations	12.2 avg, IF	8.71 L-index

#	Paper	IF	Citations
663	A Hierarchical Structure of Flower-Like Zinc Oxide and Poly(Vinyl Alcohol--Ethylene) Nanofiber Hybrid Membranes for High-Performance Air Filters.. <i>ACS Omega</i> , 2022 , 7, 3030-3036	3.9	3
662	Tuning non-radiative decay channels via symmetric/asymmetric substituent effects on phenazine derivatives and their phototherapy switch between dynamic and thermal processes. <i>Materials Chemistry Frontiers</i> , 2022 , 6, 316-324	7.8	0
661	Autonomous Visualization of Damage in Polymers by Metal-Free Polymerizations of Microencapsulated Activated Alkynes.. <i>Advanced Science</i> , 2022 , e2105395	13.6	1
660	The role of amide (n, π) transitions in polypeptide clusteroluminescence. <i>Cell Reports Physical Science</i> , 2022 , 3, 100716	6.1	2
659	Bringing Inherent Charges into Aggregation-Induced Emission Research.. <i>Accounts of Chemical Research</i> , 2022 ,	24.3	7
658	NIR-II Aggregation-Induced Emission Luminogens for Tumor Phototheranostics.. <i>Biosensors</i> , 2022 , 12,	5.9	3
657	Polymerizations of Activated Alkynes. <i>Progress in Polymer Science</i> , 2022 , 126, 101503	29.6	3
656	Aggregation caused quenching to aggregation induced emission transformation: a precise tuning based on BN-doped polycyclic aromatic hydrocarbons toward subcellular organelle specific imaging.. <i>Chemical Science</i> , 2022 , 13, 3129-3139	9.4	1
655	Evoking Highly Immunogenic Ferroptosis Aided by Intramolecular Motion-Induced Photo-Hyperthermia for Cancer Therapy.. <i>Advanced Science</i> , 2022 , e2104885	13.6	4
654	One-Pot Synthesis of Customized Metal-Phenolic-Network-Coated AIE Dots for In Vivo Bioimaging.. <i>Advanced Science</i> , 2022 , e2104997	13.6	3
653	Deep-Red Aggregation-Induced Emission Luminogen Based on Dithiofuvalene-Fused Benzothiadiazole for Lipid Droplet-Specific Imaging 2022 , 4, 159-164		5
652	How do molecular interactions affect fluorescence behavior of AIEgens in solution and aggregate states?. <i>Science China Chemistry</i> , 2022 , 65, 135	7.9	5
651	Syntheses, properties, and applications of CO ₂ -based functional polymers. <i>Cell Reports Physical Science</i> , 2022 , 3, 100719	6.1	4
650	Endowing AIE with Extraordinary Potential: A New Au(I)-Containing AIEgen for Bimodal Bioimaging-Guided Multimodal Synergistic Cancer Therapy. <i>Advanced Functional Materials</i> , 2022 , 32, 2108199	15.6	1
649	Seeing the unseen: AIE luminogens for super-resolution imaging. <i>Coordination Chemistry Reviews</i> , 2022 , 451, 214279	23.2	9
648	The fast-growing field of photo-driven theranostics based on aggregation-induced emission.. <i>Chemical Society Reviews</i> , 2022 ,	58.5	25
647	In Situ Electrospinning of Aggregation-Induced Emission Nanofibrous Dressing for Wound Healing.. <i>Small Methods</i> , 2022 , e2101247	12.8	7

646	Aggregation-Induced Emission Luminogen-Based Dual-Mode Enzyme-Linked Immunosorbent Assay for Ultrasensitive Detection of Cancer Biomarkers in a Broad Concentration Range.. <i>ACS Sensors</i> , 2022 , 7, 766-774	9.2	1
645	NIR-II Absorbing Charge Transfer Complexes for Synergistic Photothermal/Chemodynamic Antimicrobial Therapy and Wounds Healing 2022 , 4, 692-700		6
644	Acceptor Planarization and Donor Rotation: A Facile Strategy for Realizing Synergistic Cancer Phototherapy Type I PDT and PTT.. <i>ACS Nano</i> , 2022 ,	16.7	10
643	Deep-Brain Three-Photon Imaging Enabled by Aggregation-Induced Emission Luminogens with Near-Infrared-III Excitation.. <i>ACS Nano</i> , 2022 ,	16.7	7
642	Effective Therapy of Drug-Resistant Bacterial Infection by Killing Planktonic Bacteria and Destructing Biofilms with Cationic Photosensitizer Based on Phosphindole Oxide.. <i>Small</i> , 2022 , e2200743 ¹¹		4
641	Recent advances in aggregation-induced emission luminogens in photoacoustic imaging.. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022 , 1	8.8	1
640	Tumor-derived exosomes co-delivering aggregation-induced emission luminogens and proton pump inhibitors for tumor glutamine starvation therapy and enhanced type-I photodynamic therapy.. <i>Biomaterials</i> , 2022 , 283, 121462	15.6	4
639	Synchronously boosting type-I photodynamic and photothermal efficacies via molecular manipulation for pancreatic cancer theranostics in the NIR-II window.. <i>Biomaterials</i> , 2022 , 283, 121476	15.6	8
638	Aggregation-Induced Emission Boosting the Study of Polymer Science.. <i>Macromolecular Rapid Communications</i> , 2022 , e2200080	4.8	2
637	Bonsai-inspired AIE nanohybrid photosensitizer based on vermiculite nanosheets for ferroptosis-assisted oxygen self-sufficient photodynamic cancer therapy. <i>Nano Today</i> , 2022 , 44, 101477 ^{17.9}		3
636	Cellular organelle-targeted smart AIEgens in tumor detection, imaging and therapeutics. <i>Coordination Chemistry Reviews</i> , 2022 , 462, 214508	23.2	0
635	In Vivo Phototheranostics Application of AIEgen-based Probes 2022 , 447-464		0
634	AIE 2022 , 269-295		
633	AIE-active Fluorescence Probes for Enzymes and Their Applications in Disease Theranostics 2022 , 355-397		
632	Clusterization-Triggered Emission 2022 , 153-175		0
631	Activated Alkynes in Metal-free Bioconjugation 2022 , 471-491		
630	Tetraphenylpyrazine-based AIEgens 2022 , 1-21		0
629	Understanding the AIE Mechanism at the Molecular Level 2022 , 27-53		

628 AIE Fluorescent Polymersomes **2022**, 311-339

627 AIE-based Systems for Imaging and Image-guided Killing of Pathogens **2022**, 297-327

626 AIE-active Emitters and Their Applications in OLEDs **2022**, 1-26

0

625 PushBull AIEgens **2022**, 575-608

0

624 Aggregation-induced Emission from the Sixth Main Group **2022**, 119-141

623 Type-I AIE photosensitizer triggered cascade catalysis system for tumor targeted therapy and postoperative recurrence suppression. *Chemical Engineering Journal*, **2022**, 136381

14.7 1

622 AIE-active Polymer **2022**, 531-554

621 Aggregation-induced emission polymers **2022**, 45-86

620 Aggregation-induced emission: An emerging concept in brain science. *Biomaterials*, **2022**, 286, 121581 15.6 1

619 AIE-Active Photosensitizers: Manipulation of Reactive Oxygen Species Generation and Applications in Photodynamic Therapy. *Biosensors*, **2022**, 12, 348 5.9 2

618 A potent luminogen with NIR-IIb excitable AIE features for ultradeep brain vascular and hemodynamic three-photon imaging. *Biomaterials*, **2022**, 287, 121612 15.6 2

617 AIEgen for cancer discrimination. *Materials Science and Engineering Reports*, **2021**, 146, 100649 30.9 3

616 9,10-Phenanthrenequinone: A Promising Kernel to Develop Multifunctional Antitumor Systems for Efficient Type I Photodynamic and Photothermal Synergistic Therapy. *ACS Nano*, **2021**, 16.7 5

615 Cationization to boost both type I and type II ROS generation for photodynamic therapy. *Biomaterials*, **2021**, 280, 121255 15.6 6

614 High-Performance Near-Infrared Aggregation-Induced Emission Luminogen with Mitophagy Regulating Capability for Multimodal Cancer Theranostics. *ACS Nano*, **2021**, 16.7 10

613 Metal-Based Aggregation-Induced Emission Theranostic Systems. *ChemMedChem*, **2021**, 3.7 2

612 Biologically excretable AIE nanoparticles wear tumor cell-derived Exosome caps for efficient NIR-II fluorescence imaging-guided photothermal therapy. *Nano Today*, **2021**, 41, 101333 17.9 3

611 An aggregation-induced emission platform for efficient Golgi apparatus and endoplasmic reticulum specific imaging. *Chemical Science*, **2021**, 12, 13949-13957 9.4 2

610	Photoactivatable Biomedical Materials Based on Luminogens with Aggregation-Induced Emission (AIE) Characteristics. <i>Advanced Healthcare Materials</i> , 2021 , e2101177	10.1	6
609	In Situ Generation of Heterocyclic Polymers by Triple-Bond Based Polymerizations. <i>Macromolecular Rapid Communications</i> , 2021 , e2100524	4.8	
608	Oxygen and sulfur-based pure n-electron dendrimeric systems: generation-dependent clusteroluminescence towards multicolor cell imaging and molecular ruler. <i>Science China Chemistry</i> , 2021 , 64, 1990	7.9	2
607	Trojan Horse-Like Nano-AIE Aggregates Based on Homologous Targeting Strategy and Their Photodynamic Therapy in Anticancer Application. <i>Advanced Science</i> , 2021 , 8, e2102561	13.6	7
606	Aggregation-induced emission (AIE): emerging technology based on aggregate science. <i>Pure and Applied Chemistry</i> , 2021 ,	2.1	1
605	Donor/Bridge Manipulation for Constructing a Stable NIR-II Aggregation-Induced Emission Luminogen with Balanced Phototheranostic Performance**. <i>Angewandte Chemie</i> , 2021 , 133, 26973	3.6	2
604	A Facile Strategy of Boosting Photothermal Conversion Efficiency through State Transformation for Cancer Therapy. <i>Advanced Materials</i> , 2021 , 33, e2105999	24	12
603	Aggregation-Induced Emission-Active Poly(phenyleneethynylene)s for Fluorescence and Raman Dual-Modal Imaging and Drug-Resistant Bacteria Killing. <i>Advanced Healthcare Materials</i> , 2021 , 10, e2101167	10.1	4
602	Donor/Bridge Manipulation for Constructing a Stable NIR-II Aggregation-Induced Emission Luminogen with Balanced Phototheranostic Performance*. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 26769-26776	16.4	20
601	Brain-Targeted Aggregation-Induced-Emission Nanoparticles with Near-Infrared Imaging at 1550nm Boosts Orthotopic Glioblastoma Theranostics. <i>Advanced Materials</i> , 2021 , e2106082	24	15
600	Vision redemption: Self-reporting AIEgens for combined treatment of bacterial keratitis. <i>Biomaterials</i> , 2021 , 279, 121227	15.6	3
599	Pillar[5]arene-Modified Gold Nanorods as Nanocarriers for Multi-Modal Imaging-Guided Synergistic Photodynamic-Photothermal Therapy. <i>Advanced Functional Materials</i> , 2021 , 31, 2009924	15.6	25
598	Efficient Killing of Multidrug-Resistant Internalized Bacteria by AIEgens In Vivo. <i>Advanced Science</i> , 2021 , 8, 2001750	13.6	19
597	Direct Visualization of Chiral Amplification of Chiral Aggregation Induced Emission Molecules in Nematic Liquid Crystals. <i>ACS Nano</i> , 2021 , 15, 4956-4966	16.7	26
596	Hypoxia-activated probe for NIR fluorescence and photoacoustic dual-mode tumor imaging. <i>IScience</i> , 2021 , 24, 102261	6.1	8
595	Cost-effective resource utilization for waste biomass: A simple preparation method of photo-thermal biochar cakes (BCs) toward dye wastewater treatment with solar energy. <i>Environmental Research</i> , 2021 , 194, 110720	7.9	10
594	Upregulating Aggregation-Induced-Emission Nanoparticles with Blood-Tumor-Barrier Permeability for Precise Photothermal Eradication of Brain Tumors and Induction of Local Immune Responses. <i>Advanced Materials</i> , 2021 , 33, e2008802	24	16
593	Water-Soluble Organic Nanoparticles with Programable Intermolecular Charge Transfer for NIR-II Photothermal Anti-Bacterial Therapy. <i>Angewandte Chemie</i> , 2021 , 133, 11864-11868	3.6	2

592	Water-Soluble Organic Nanoparticles with Programable Intermolecular Charge Transfer for NIR-II Photothermal Anti-Bacterial Therapy. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 11758-11762 ^{16.4}	28
591	CO ₂ -Involved and Isocyanide-Based Three-Component Polymerization toward Functional Heterocyclic Polymers with Self-Assembly and Sensing Properties. <i>Macromolecules</i> , 2021 , 54, 4112-4119 ^{5.5}	5
590	Photoresponsive Polymers with Aggregation-Induced Emission. <i>ACS Applied Polymer Materials</i> , 2021 , 3, 2290-2309	4.3 20
589	Improving Image-Guided Surgical and Immunological Tumor Treatment Efficacy by Photothermal and Photodynamic Therapies Based on a Multifunctional NIR AIEgen. <i>Advanced Materials</i> , 2021 , 33, e2101458 ^{14.58}	41
588	A Feasible Strategy of Fabricating Type I Photosensitizer for Photodynamic Therapy in Cancer Cells and Pathogens. <i>ACS Nano</i> , 2021 , 15, 7735-7743	16.7 24
587	Single injection and multiple treatments: An injectable nanozyme hydrogel as AIEgen reservoir and release controller for efficient tumor therapy. <i>Nano Today</i> , 2021 , 37, 101091	17.9 19
586	Precise Molecular Engineering of Small Organic Phototheranostic Agents toward Multimodal Imaging-Guided Synergistic Therapy. <i>ACS Nano</i> , 2021 , 15, 7328-7339	16.7 24
585	More is less: Creation of pathogenic microbe-related theranostic oriented AIEgens. <i>Biomaterials</i> , 2021 , 271, 120725	15.6 11
584	Making Aggregation-Induced Emission Luminogen More Valuable by Gold: Enhancing Anticancer Efficacy by Suppressing Thioredoxin Reductase Activity. <i>ACS Nano</i> , 2021 , 15, 9176-9185	16.7 12
583	Good Steel Used in the Blade: Well-Tailored Type-I Photosensitizers with Aggregation-Induced Emission Characteristics for Precise Nuclear Targeting Photodynamic Therapy. <i>Advanced Science</i> , 2021 , 8, e2100524	13.6 22
582	Aggregation-Induced Emission Luminogens Sensitized Quasi-2D Hybrid Perovskites with Unique Photoluminescence and High Stability for Fabricating White Light-Emitting Diodes. <i>Advanced Science</i> , 2021 , 8, e2100811	13.6 6
581	Enlarging the Reservoir: High Absorption Coefficient Dyes Enable Synergetic Near Infrared-II Fluorescence Imaging and Near Infrared-I Photothermal Therapy. <i>Advanced Functional Materials</i> , 2021 , 31, 2102213	15.6 16
580	Cationic Tricyclic AIEgens for Concomitant Bacterial Discrimination and Inhibition. <i>Advanced Healthcare Materials</i> , 2021 , 10, e2100136	10.1 2
579	Conjugated Polymers with Aggregation-Induced Emission Characteristics for Fluorescence Imaging and Photodynamic Therapy. <i>ChemMedChem</i> , 2021 , 16, 2330-2338	3.7 5
578	Patient-derived microvesicles/AIE luminogen hybrid system for personalized sonodynamic cancer therapy in patient-derived xenograft models. <i>Biomaterials</i> , 2021 , 272, 120755	15.6 6
577	Visualization and Manipulation of Solid-State Molecular Motions in Cocrystallization Processes. <i>Journal of the American Chemical Society</i> , 2021 , 143, 9468-9477	16.4 10
576	How to Manipulate Through-Space Conjugation and Clusteroluminescence of Simple AIEgens with Isolated Phenyl Rings. <i>Journal of the American Chemical Society</i> , 2021 , 143, 9565-9574	16.4 16
575	Stimuli-Responsive AIEgens. <i>Advanced Materials</i> , 2021 , 33, e2008071	24 45

574	Mitochondria-Specific Aggregation-Induced Emission Luminogens for Selective Photodynamic Killing of Fungi and Efficacious Treatment of Keratitis. <i>ACS Nano</i> , 2021 ,	16.7	8
573	AIEgens enabled ultrasensitive point-of-care test for multiple targets of food safety: Aflatoxin B and cyclopiazonic acid as an example. <i>Biosensors and Bioelectronics</i> , 2021 , 182, 113188	11.8	27
572	Heteroaromatic Hyperbranched Polyelectrolytes: Multicomponent Polyannulation and Photodynamic Biopatterning. <i>Angewandte Chemie</i> , 2021 , 133, 19371-19380	3.6	2
571	Molecular Engineering of High-Performance Aggregation-Induced Emission Photosensitizers to Boost Cancer Theranostics Mediated by Acid-Triggered Nucleus-Targeted Nanovectors. <i>ACS Nano</i> , 2021 , 15, 10689-10699	16.7	18
570	Heteroaromatic Hyperbranched Polyelectrolytes: Multicomponent Polyannulation and Photodynamic Biopatterning. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 19222-19231	16.4	9
569	Graphene Oxide Based Fluorescent DNA Aptasensor for Liver Cancer Diagnosis and Therapy. <i>Advanced Functional Materials</i> , 2021 , 31, 2102645	15.6	4
568	Bright Bacterium for Hypoxia-Tolerant Photodynamic Therapy Against Orthotopic Colon Tumors by an Interventional Method. <i>Advanced Science</i> , 2021 , 8, e2004769	13.6	19
567	Synergistic Enhancement of Fluorescence and Magnetic Resonance Signals Assisted by Albumin Aggregate for Dual-Modal Imaging. <i>ACS Nano</i> , 2021 , 15, 9924-9934	16.7	5
566	Tailoring Noncovalent Interactions to Activate Persistent Room-Temperature Phosphorescence from Doped Polyacrylonitrile Films. <i>Advanced Functional Materials</i> , 2021 , 31, 2101656	15.6	21
565	One-for-all phototheranostics: Single component AIE dots as multi-modality theranostic agent for fluorescence-photoacoustic imaging-guided synergistic cancer therapy. <i>Biomaterials</i> , 2021 , 274, 120892	15.6	9
564	A Sensitive and Reliable Organic Fluorescent Nanothermometer for Noninvasive Temperature Sensing. <i>Journal of the American Chemical Society</i> , 2021 , 143, 14147-14157	16.4	19
563	New Phenothiazine Derivatives That Exhibit Photoinduced Room-Temperature Phosphorescence. <i>Advanced Functional Materials</i> , 2021 , 31, 2101719	15.6	18
562	Aggregation-Induced Emission-Active Gels: Fabrications, Functions, and Applications. <i>Advanced Materials</i> , 2021 , 33, e2100021	24	38
561	How Do Molecular Motions Affect Structures and Properties at Molecule and Aggregate Levels?. <i>Journal of the American Chemical Society</i> , 2021 , 143, 11820-11827	16.4	7
560	Side Area-Assisted 3D Evaporator with Antibiofouling Function for Ultra-Efficient Solar Steam Generation. <i>Advanced Materials</i> , 2021 , 33, e2102258	24	12
559	Innovative Verfahren zur Synthese von Luminogenen mit aggregationsinduzierter Emission. <i>Angewandte Chemie</i> , 2021 , 133, 15856-15876	3.6	2
558	Innovative Synthetic Procedures for Luminogens Showing Aggregation-Induced Emission. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 15724-15742	16.4	21
557	Solid-state intramolecular motions in continuous fibers driven by ambient humidity for fluorescent sensors. <i>National Science Review</i> , 2021 , 8, nwaa135	10.8	15

556	NIR-II AIEgens: A Win-Win Integration towards Bioapplications. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 7476-7487	16.4	115
555	NIR-II AIEgens: A Win-Win Integration towards Bioapplications. <i>Angewandte Chemie</i> , 2021 , 133, 7552-7563	3.6	21
554	Mechanochromic Fluorescent Polymers Enabled by AIE Processes. <i>Macromolecular Rapid Communications</i> , 2021 , 42, e2000311	4.8	23
553	Inorganic/Organic Nanocomposites Based on Aggregation-Induced Emission Luminogens. <i>Advanced Functional Materials</i> , 2021 , 31, 2006952	15.6	14
552	One-Step Multicomponent Polymerizations for the Synthesis of Multifunctional AIE Polymers. <i>Macromolecular Rapid Communications</i> , 2021 , 42, e2000471	4.8	10
551	pH-responsive copper-cluster-based dual-emission ratiometric fluorescent probe for imaging of bacterial metabolism. <i>Talanta</i> , 2021 , 221, 121621	6.2	7
550	Zwitterionic AIEgens: Rational Molecular Design for NIR-II Fluorescence Imaging-Guided Synergistic Phototherapy. <i>Advanced Functional Materials</i> , 2021 , 31, 2007026	15.6	36
549	Aggregation-Induced Emission: A Rising Star in Chemistry and Materials Science. <i>Chinese Journal of Chemistry</i> , 2021 , 39, 677-689	4.9	24
548	Mechanistic connotations of restriction of intramolecular motions (RIM). <i>National Science Review</i> , 2021 , 8, nwaa260	10.8	36
547	AIEgens for microbial detection and antimicrobial therapy. <i>Biomaterials</i> , 2021 , 268, 120598	15.6	39
546	Fluorescent sensing of nucleus density assists in identifying tumor cells using an AIE luminogen. <i>Chemical Engineering Journal</i> , 2021 , 410, 128183	14.7	3
545	AIE-based luminescence probes for metal ion detection. <i>Coordination Chemistry Reviews</i> , 2021 , 429, 213693	3.1	59
544	Wash-free detection and bioimaging by AIEgens. <i>Materials Chemistry Frontiers</i> , 2021 , 5, 723-743	7.8	10
543	Recent advances in cation sensing using aggregation-induced emission. <i>Materials Chemistry Frontiers</i> , 2021 , 5, 659-708	7.8	36
542	A near-infrared AIE probe for super-resolution imaging and nuclear lipid droplet dynamic study. <i>Materials Chemistry Frontiers</i> , 2021 , 5, 3043-3049	7.8	10
541	Aggregation-Induced Generation of Reactive Oxygen Species: Mechanism and Photosensitizer Construction. <i>Molecules</i> , 2021 , 26,	4.8	19
540	Fluorescent polymer cubosomes and hexosomes with aggregation-induced emission. <i>Chemical Science</i> , 2021 , 12, 5495-5504	9.4	10
539	Recent Advances of AIEgens for Targeted Imaging of Subcellular Organelles. <i>Chemical Research in Chinese Universities</i> , 2021 , 37, 52-65	2.2	6

538	An easily available ratiometric AIE probe for nitroxyl visualization in vitro and in vivo. <i>Materials Chemistry Frontiers</i> , 2021 , 5, 1817-1823	7.8	4
537	Rapid membrane-specific AIEgen featuring with wash-free imaging and sensitive light-excited killing of cells, bacteria, and fungi. <i>Materials Chemistry Frontiers</i> , 2021 , 5, 2724-2729	7.8	4
536	A DNA tetrahedron-loaded natural photosensitizer with aggregation-induced emission characteristics for boosting fluorescence imaging-guided photodynamic therapy. <i>Materials Chemistry Frontiers</i> , 2021 , 5, 5410-5417	7.8	2
535	A Novel Fluorescent Probe for ATP Detection Based on Synergetic Effect of Aggregation-induced Emission and Counterion Displacement. <i>Chemical Research in Chinese Universities</i> , 2021 , 37, 166-170	2.2	1
534	Functional Polymer Systems with Aggregation-Induced Emission and Stimuli Responses. <i>Topics in Current Chemistry</i> , 2021 , 379, 7	7.2	10
533	A biocompatible dual-AIEgen system without spectral overlap for quantitation of microbial viability and monitoring of biofilm formation. <i>Materials Horizons</i> , 2021 , 8, 1816-1824	14.4	2
532	Switching energy dissipation pathway: proton-induced transformation of AIE-active self-assemblies to boost photodynamic therapy. <i>Biomaterials Science</i> , 2021 , 9, 4301-4307	7.4	4
531	Diagnosis of fatty liver disease by a multiphoton-active and lipid-droplet-specific AIEgen with nonaromatic rotors. <i>Materials Chemistry Frontiers</i> , 2021 , 5, 1853-1862	7.8	9
530	Hydrogen peroxide-responsive AIE probe for imaging-guided organelle targeting and photodynamic cancer cell ablation. <i>Materials Chemistry Frontiers</i> , 2021 , 5, 3489-3496	7.8	9
529	Aggregate Science: Much to Explore in the Meso World. <i>Matter</i> , 2021 , 4, 338-349	12.7	26
528	Clusteroluminescence from Cluster Excitons in Small Heterocyclics Free of Aromatic Rings. <i>Advanced Science</i> , 2021 , 8, 2004299	13.6	21
527	Fabrics Attached with Highly Efficient Aggregation-Induced Emission Photosensitizer: Toward Self-Antiviral Personal Protective Equipment. <i>ACS Nano</i> , 2021 ,	16.7	12
526	Biomimetic Glucan Particles with Aggregation-Induced Emission Characteristics for Noninvasive Monitoring of Transplant Immune Response. <i>ACS Nano</i> , 2021 ,	16.7	2
525	A Biomimetic Aggregation-Induced Emission Photosensitizer with Antigen-Presenting and Hitchhiking Function for Lipid Droplet Targeted Photodynamic Immunotherapy. <i>Advanced Materials</i> , 2021 , 33, e2102322	24	27
524	Incorporating spin-orbit coupling promoted functional group into an enhanced electron D-A system: A useful designing concept for fabricating efficient photosensitizer and imaging-guided photodynamic therapy. <i>Biomaterials</i> , 2021 , 275, 120934	15.6	9
523	Aggregation-Induced Emission Materials that Aid in Pharmaceutical Research. <i>Advanced Healthcare Materials</i> , 2021 , e2101067	10.1	3
522	Photodynamic control of harmful algal blooms by an ultra-efficient and degradable AIEgen-based photosensitizer. <i>Chemical Engineering Journal</i> , 2021 , 417, 127890	14.7	2
521	Add the Finishing Touch: Molecular Engineering of Conjugated Small Molecule for High-Performance AIE Luminogen in Multimodal Phototheranostics. <i>Small</i> , 2021 , 17, e2102044	11	8

520	Recent Advances in Aggregation-Induced Emission Materials and Their Biomedical and Healthcare Applications. <i>Advanced Healthcare Materials</i> , 2021 , e2101055	10.1	7
519	Single-fluorogen polymers with color-tunable aggregation-induced emission. <i>Matter</i> , 2021 , 4, 2587-2589	12.7	0
518	Triple-Jump Photodynamic Theranostics: MnO Combined Upconversion Nanoplatfoms Involving a Type-I Photosensitizer with Aggregation-Induced Emission Characteristics for Potent Cancer Treatment. <i>Advanced Materials</i> , 2021 , 33, e2103748	24	14
517	Janus luminogens with bended intramolecular charge transfer: Toward molecular transistor and brain imaging. <i>Matter</i> , 2021 ,	12.7	3
516	Lignosulfonate/diblock copolymer polyion complexes with aggregation-enhanced and pH-switchable fluorescence for information storage and encryption. <i>International Journal of Biological Macromolecules</i> , 2021 , 187, 722-731	7.9	0
515	AIEgen-loaded nanofibrous membrane as photodynamic/photothermal antimicrobial surface for sunlight-triggered bioprotection. <i>Biomaterials</i> , 2021 , 276, 121007	15.6	16
514	TEPP-46-Based AIE Fluorescent Probe for Detection and Bioimaging of PKM2 in Living Cells. <i>Analytical Chemistry</i> , 2021 , 93, 12682-12689	7.8	3
513	Codes in Code: AIE Supramolecular Adhesive Hydrogels Store Huge Amounts of Information. <i>Advanced Materials</i> , 2021 , 33, e2105418	24	17
512	A fluorescent probe with dual acrylate sites for discrimination of different concentration ranges of cysteine in living cells. <i>Analytica Chimica Acta</i> , 2021 , 1176, 338763	6.6	2
511	Donor engineering on flavonoid-based probes to enhance the fluorescence brightness in water: Design, characterization, photophysical properties, and application for cysteine detection. <i>Sensors and Actuators B: Chemical</i> , 2021 , 345, 130367	8.5	2
510	Highly efficient photothermal nanoparticles for the rapid eradication of bacterial biofilms. <i>Nanoscale</i> , 2021 , 13, 13610-13616	7.7	2
509	Recent advances of AIE light-up probes for photodynamic therapy. <i>Chemical Science</i> , 2021 , 12, 6488-6506	9.4	58
508	Sensitive and specific detection of peroxyxynitrite and in vivo imaging of inflammation by a simple AIE bioprobe. <i>Materials Chemistry Frontiers</i> , 2021 , 5, 1830-1835	7.8	6
507	Organometallic AIEgens for biological theranostics. <i>Materials Chemistry Frontiers</i> , 2021 , 5, 3281-3297	7.8	8
506	Benzoperylene-grafted and Cu ²⁺ chelated polymeric nanoparticles for GSH depletion and chemodynamic therapy. <i>Materials Chemistry Frontiers</i> , 2021 , 5, 2442-2451	7.8	1
505	A Novel Fluorescence Tool for Monitoring Agricultural Industry Chain Based on AIEgens. <i>Chemical Research in Chinese Universities</i> , 2021 , 37, 38-51	2.2	4
504	Precise Molecular Engineering of Type I Photosensitizers with Near-Infrared Aggregation-Induced Emission for Image-Guided Photodynamic Killing of Multidrug-Resistant Bacteria. <i>Advanced Science</i> , 2021 , e2104079	13.6	5
503	Recent advances of luminogens with aggregation-induced emission in multi-photon theranostics. <i>Applied Physics Reviews</i> , 2021 , 8, 041328	17.3	1

502	Nanomaterials with Supramolecular Assembly Based on AIE Luminogens for Theranostic Applications. <i>Advanced Materials</i> , 2020 , 32, e2004208	24	65
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226	AIE-active theranostic system: selective staining and killing of cancer cells. <i>Chemical Science</i> , 2017 , 8, 1822-1830	9.4	149
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